

Bear River Basin, Targeted At-Risk Species

Scientific Name	Common Name	Status ¹	Conservation Actions ²
<i>Oncorhynchus clarkii utah</i>	Bonneville Cutthroat Trout	G4T4, S3	See conservation actions for Yellowstone Cutthroat Trout.
<i>Plegadis chihi</i>	White-faced Ibis	G5, S2B	Acquiring water rights for existing wetland sites used by ibis for nesting is a crucial step toward ensuring the persistence of these colonies (Ivey and Herziger 2005). Providing stable water levels at colony sites during the nesting period also would aid in breeding success. Disturbance at the colony should be minimized and a minimum buffer zone of 100–180m (309–557 ft) should be maintained (Oakleaf et al. 1996).
<i>Buteo regalis</i>	Ferruginous Hawk	G4, S3B	Primary conservation actions focused on maintaining or increasing current population numbers in Idaho should include enhancing nest substrates, maintaining prey populations (ground squirrels, etc.), and mitigating development impacts from wind farm turbines, mining, pipeline construction, and urbanization (Bechard and Schmutz 1995). Better data on mortality rates of migrating ferruginous hawks (and other raptors) as a result of wind farm development are needed.
<i>Grus canadensis</i>	Sandhill Crane	G5, S3B	See Sandhill Crane under Upper Henrys Fork.
<i>Numenius americanus</i>	Long-billed Curlew	G5, S2B	See Long-billed Curlew under Upper Henrys Fork.
<i>Phalaropus tricolor</i>	Wilson's Phalarope	G5, S3B	Burning (Eldridge 1992) and mowing (Kantrud 1981) may improve upland nesting habitat for this species. Grazing may potentially improve nesting habitat, however cattle should not be present in the area during the breeding season (Dechant et al. 2003a). Because Wilson's phalaropes move to deeper, more permanent wetlands in dry years, and likely discover new habitats quickly (Colwell and Jehl 1994), wetland complexes that include both seasonal and semi-permanent wetlands should be protected and/or restored (Dechant et al. 2003a). Breeding areas should not be disturbed (i.e., mowed, burned, grazed) during the breeding season (late April through late July; Dechant et al. 2003a).
Wetland Rare Plants			
<i>Salicornia rubra</i>	Red Glasswort	G5, S2	Protect wetland habitat by conservation easement. Many wetland species would benefit by the elimination or reduction in livestock grazing and the control of invasive plants. Exclosures around known populations are also beneficial. Maintenance of natural processes, such as controlling minimum water flows, is critical to wetland preservation.
<i>Salix glauca</i>	Gray Willow	G5, S2	
<i>Salix candida</i>	Hoary Willow	G5, S2	
<i>Spiranthes diluvialis</i>	Ute Lady's Tresses	Threatened, G2, S1	
<i>Thalictrum dasycarpum</i>	Purple Meadow-rue	G5, S2	

Appendix A

Other species-at-risk that are expected to benefit from the proposed conservation actions in the Bear River Basin include:

Scientific Name	Common Name	Status ¹	Scientific Name	Common Name	Status ¹
<i>Lepidomeda copei</i>	Northern Leatherside Chub	G1G2, S2	<i>Larus pipixcan</i>	Franklin's Gull	G4/G5, S2B
<i>Rana pipiens</i>	Northern Leopard Frog	G5, S2	<i>Larus californicus</i>	California Gull	G5, S2B, S3N
<i>Cygnus buccinator</i>	Trumpeter Swan	G4, S1B, S2N	<i>Sterna forsteri</i>	Forster's Tern	G5, S1B
<i>Anas acuta</i>	Northern Pintail	G5, S5B, S2N	<i>Chlidonias niger</i>	Black Tern	G4, S1B
<i>Centrocercus urophasianus</i>	Greater Sage-Grouse	G4, S2	<i>Athene cunicularia hypugaea</i>	Western Burrowing Owl	G4T4, S2B
<i>Pelecanus erythrorhynchos</i>	American White Pelican	G3, S1B	<i>Asio flammeus</i>	Short-eared Owl	G5, S4
<i>Egretta alba</i>	Great Egret	G5, S1B	<i>Spizella breweri</i>	Brewer's Sparrow	G5, S3B
<i>Egretta thula</i>	Snowy Egret	G5, S2B	<i>Ammodramus savannarum</i>	Grasshopper Sparrow	G5, S2B
<i>Ardea alba</i>	Cattle Egret	G5, S2B	<i>Carduelis psaltria</i>	Lesser Goldfinch	G5, S2B
<i>Nycticorax nycticorax</i>	Black-crowned Night-heron	G5, S2B	<i>Sorex merriami</i>	Merriam's Shrew	G5, S2
<i>Haliaeetus leucocephalus</i>	Bald Eagle	Threatened, G4, S3B, S4N	<i>Sorex nanus</i>	Dwarf Shrew	G4, S2
<i>Buteo swainsoni</i>	Swainson's Hawk	G5, S3B	<i>Spermophilus elegans</i>	Wyoming Ground Squirrel	G5, S3
<i>Himantopus mexicanus</i>	Black-necked Stilt	G5, S3B	<i>Spermophilus variegatus</i>	Rock Squirrel	G5, S1
<i>Recurvirostra Americana</i>	American Avocet	G5, S5B	<i>Thomomys idahoensis</i>	Idaho Pocket Gopher	G4, S3